

HYDRIC SOILS LIST  
Garfield County Area, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
3: ASOTIN-LICKSKILLET- ROCK OUTCROP COMPLEX, 40 TO 90 PERCENT SLOPES	ASOTIN	No	---	---	---	---	---	28
	lickskillet	No	---	---	---	---	---	17
	ROCK OUTCROP	No	---	---	---	---	---	10
5: BOLICKER-ASOTIN SILT LOAMS, 40 TO 90 PERCENT SLOPES	BOLICKER	No	---	---	---	---	---	97
	ASOTIN	No	---	---	---	---	---	85
9: CATHEEN-SPOFMORE SILT LOAMS, 8 TO 15 PERCENT SLOPES	CATHEEN	No	---	---	---	---	---	19
	SPOFMORE	No	---	---	---	---	---	17
10: CATHEEN-SPOFMORE SILT LOAMS, 15 TO 30 PERCENT SLOPES	CATHEEN	No	---	---	---	---	---	31
	SPOFMORE	No	---	---	---	---	---	17
35: GETAWAY-SNELL COMPLEX, 30 TO 70 PERCENT SLOPES	GETAWAY	No	---	---	---	---	---	52
	SNELL	No	---	---	---	---	---	31
36: GWINLY-MALLORY COMPLEX, 3 TO 30 PERCENT SLOPES	GWINLY	No	---	---	---	---	---	8
	MALLORY	No	---	---	---	---	---	7
37: GWINLY-MALLORY VERY STONY SILT LOAMS, 30 TO 70 PERCENT SLOPES	GWINLY	No	---	---	---	---	---	21
	MALLORY	No	---	---	---	---	---	19
38: GWINLY-MALLORY-ROCK OUTCROP COMPLEX, 40 TO 90 PERCENT SLOPES	GWINLY	No	---	---	---	---	---	4
	MALLORY	No	---	---	---	---	---	4
	ROCK OUTCROP	No	---	---	---	---	---	2

HYDRIC SOILS LIST--Continued  
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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
40: GWINLY-TAMMING COMPLEX, 30 TO 70 PERCENT SLOPES	GWINLY	No	---	---	---	---	---	27
	TAMMING	No	---	---	---	---	---	23
50: LAUFER-THIESSEN COMPLEX, 30 TO 70 PERCENT SLOPES	LAUFER	No	---	---	---	---	---	132
	THIESSEN	No	---	---	---	---	---	116
51: LAUFER-THIESSEN-ROCK OUTCROP COMPLEX, 40 TO 90 PERCENT SLOPES	LAUFER	No	---	---	---	---	---	3
	THIESSEN	No	---	---	---	---	---	3
	ROCK OUTCROP	No	---	---	---	---	---	1
56: LICKSKILLET-SCHUELKE VERY STONY LOAMS, 3 TO 30 PERCENT SLOPES	LICKSKILLET	No	---	---	---	---	---	12
	SCHUELKE	No	---	---	---	---	---	10
57: LICKSKILLET-SCHUELKE VERY STONY LOAMS, 30 TO 70 PERCENT SLOPES	LICKSKILLET	No	---	---	---	---	---	130
	SCHUELKE	No	---	---	---	---	---	114
58: LICKSKILLET-SCHUELKE- ROCK OUTCROP COMPLEX, 40 TO 90 PERCENT SLOPES	LICKSKILLET	No	---	---	---	---	---	200
	SCHUELKE	No	---	---	---	---	---	171
	ROCK OUTCROP	No	---	---	---	---	---	86
60: LIMEKILN-STEMBER COMPLEX, 3 TO 30 PERCENT SLOPES	LIMEKILN	No	---	---	---	---	---	22
	STEMBER	No	---	---	---	---	---	11
68: MATHENY-LINVILLE- LAUFER COMPLEX, 40 TO 90 PERCENT SLOPES	MATHENY	No	---	---	---	---	---	1

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	LAUFER	No	---	---	---	---	---	0
	LINVILLE	No	---	---	---	---	---	0
71: NANSENE SILT LOAM, 40 TO 60 PERCENT SLOPES	NANSENE	No	---	---	---	---	---	164
76: NIMS SILT LOAM, 3 TO 8 PERCENT SLOPES	NIMS	No	---	---	---	---	---	4
77: NIMS SILT LOAM, 8 TO 15 PERCENT SLOPES	NIMS	No	---	---	---	---	---	12
80: NIMS-WEISSENFELS SILT LOAMS, 8 TO 15 PERCENT SLOPES	NIMS	No	---	---	---	---	---	18
	WEISSENFELS	No	---	---	---	---	---	16
81: NIMS-WEISSENFELS SILT LOAMS, 15 TO 30 PERCENT SLOPES	NIMS	No	---	---	---	---	---	14
	WEISSENFELS	No	---	---	---	---	---	13
83: OLICAL-SPOFFORD SILT LOAMS, 8 TO 15 PERCENT SLOPES	OLICAL	No	---	---	---	---	---	1
	SPOFFORD	No	---	---	---	---	---	1
84: OLICAL-SPOFFORD SILT LOAMS, 15 TO 30 PERCENT SLOPES	OLICAL	No	---	---	---	---	---	9
	SPOFFORD	No	---	---	---	---	---	6
88: PEOLA-NEISSENBERG SILT LOAM, 3 TO 8 PERCENT SLOPES	PEOLA	No	---	---	---	---	---	40
	NEISSENBERG	No	---	---	---	---	---	26
89: PEOLA-NEISSENBERG SILT LOAMS, 8 TO 15 PERCENT SLOPES	PEOLA	No	---	---	---	---	---	31
	NEISSENBERG	No	---	---	---	---	---	20

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
90: PEOLA-NEISSENBERG SILT LOAMS, 15 TO 30 PERCENT SLOPES	PEOLA	No	---	---	---	---	---	6
	NEISSENBERG	No	---	---	---	---	---	3
96: SNELL-HARLOW-DEMASTERS COMPLEX, 60 TO 90 PERCENT SLOPES	SNELL	No	---	---	---	---	---	8
	HARLOW	No	---	---	---	---	---	7
	DEMASTERS	No	---	---	---	---	---	6
114: VEAZIE-VEAZIE VARIANT COMPLEX, 0 TO 3 PERCENT SLOPES	VEAZIE	No	---	---	---	---	---	6
	VEAZIE VARIANT	No	---	---	---	---	---	3
	Wet spots	Yes	alluvial cone	---	---	---	---	---
115: WEISSENFELS-NIMS SILT LOAMS, 3 TO 8 PERCENT SLOPES	WEISSENFELS	No	---	---	---	---	---	13
	NIMS	No	---	---	---	---	---	8
AaD: ALPOWA VERY STONY SILT LOAM, 10 TO 25 PERCENT SLOPES	ALPOWA	No	---	---	---	---	---	2,160
AaF: ALPOWA VERY STONY SILT LOAM, 25 TO 65 PERCENT SLOPES	ALPOWA	No	---	---	---	---	---	4,010
AcE: ANATONE EXTREMELY STONY LOAM, 10 TO 30 PERCENT SLOPES	ANATONE	No	---	---	---	---	---	350
AdB: ANDERS SILT LOAM, 0 TO 7 PERCENT SLOPES	ANDERS	No	---	---	---	---	---	280
AeD: ANDERS-LICKSKILLET COMPLEX, 5 TO 25 PERCENT SLOPES	ANDERS	No	---	---	---	---	---	234
	LICKSKILLET	No	---	---	---	---	---	156

HYDRIC SOILS LIST--Continued  
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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
AlB: ASOTIN SILT LOAM, 0 TO 7 PERCENT SLOPES	ASOTIN	No	---	---	---	---	---	1,280
AlD: ASOTIN SILT LOAM, 7 TO 25 PERCENT SLOPES	ASOTIN	No	---	---	---	---	---	5,656
AlE: ASOTIN SILT LOAM, 25 TO 40 PERCENT SLOPES	ASOTIN	No	---	---	---	---	---	2,430
AmC: ASOTIN SILT LOAM, HIGH RAINFALL, 0 TO 15 PERCENT SLOPES	ASOTIN	No	---	---	---	---	---	9,750
AmD: ASOTIN SILT LOAM, HIGH RAINFALL, 15 TO 25 PERCENT SLOPES	ASOTIN	No	---	---	---	---	---	2,100
AmE: ASOTIN SILT LOAM, HIGH RAINFALL, 25 TO 40 PERCENT SLOPES	ASOTIN	No	---	---	---	---	---	1,380
AnC: ASOTIN-SPOFFORD COMPLEX, 0 TO 15 PERCENT SLOPES	ASOTIN	No	---	---	---	---	---	195
	SPOFFORD	No	---	---	---	---	---	65
AoB: ATHENA SILT LOAM, 0 TO 7 PERCENT SLOPES	ATHENA	No	---	---	---	---	---	11,133
	Unnamed	Yes	depression	---	---	---	---	---
AoD: ATHENA SILT LOAM, 7 TO 25 PERCENT SLOPES	ATHENA	No	---	---	---	---	---	18,902
AoE: ATHENA SILT LOAM, 25 TO 40 PERCENT SLOPES	ATHENA	No	---	---	---	---	---	8,500
AoF: ATHENA SILT LOAM, 40 TO 55 PERCENT SLOPES	ATHENA	No	---	---	---	---	---	3,810
ApB: ATHENA SILT LOAM, CALCAREOUS SUBSTRATUM, 0 TO 7 PERCENT SLOPES	ATHENA	No	---	---	---	---	---	7,200

HYDRIC SOILS LIST--Continued  
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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
ApD: ATHENA SILT LOAM, CALCAREOUS SUBSTRATUM, 7 TO 25 PERCENT SLOPES	ATHENA	No	---	---	---	---	---	12,392
ApE: ATHENA SILT LOAM, CALCAREOUS SUBSTRATUM, 25 TO 40 PERCENT SLOPES	ATHENA	No	---	---	---	---	---	2,770
ApF: ATHENA SILT LOAM, CALCAREOUS SUBSTRATUM, 40 TO 65 PERCENT SLOPES	ATHENA	No	---	---	---	---	---	1,930
ArB: ATHENA SILT LOAM, MODERATELY SHALLOW, 0 TO 7 PERCENT SLOPES	ATHENA	No	---	---	---	---	---	1,520
ArD: ATHENA SILT LOAM, MODERATELY SHALLOW, 7 TO 25 PERCENT SLOPES	ATHENA	No	---	---	---	---	---	3,928
ArE: ATHENA SILT LOAM, MODERATELY SHALLOW, 25 TO 40 PERCENT SLOPES	ATHENA	No	---	---	---	---	---	2,500
AsE2: ATHENA-LANCE SILT LOAMS, 10 TO 40 PERCENT SLOPES, ERODED	ATHENA	No	---	---	---	---	---	7,124
	LANCE	No	---	---	---	---	---	3,836
AtC: ATHENA-SPOFFORD SILT LOAMS, 0 TO 15 PERCENT SLOPES	ATHENA	No	---	---	---	---	---	14,040
	SPOFFORD	No	---	---	---	---	---	4,680
AtD: ATHENA-SPOFFORD SILT LOAMS, 15 TO 25 PERCENT SLOPES	ATHENA	No	---	---	---	---	---	1,875
	SPOFFORD	No	---	---	---	---	---	625
BeF: BENGE GRAVELLY SILT LOAM, 15 TO 50 PERCENT SLOPES	BENGE	No	---	---	---	---	---	300

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
CdB: CHARD SILT LOAM, 0 TO 7 PERCENT SLOPES	CHARD	No	---	---	---	---	---	1,080
CdD: CHARD SILT LOAM, 7 TO 25 PERCENT SLOPES	CHARD	No	---	---	---	---	---	5,264
CdE: CHARD SILT LOAM, 25 TO 40 PERCENT SLOPES	CHARD	No	---	---	---	---	---	12,240
CeD: CHARD SILT LOAM, MODERATELY SHALLOW, 7 TO 25 PERCENT SLOPES	CHARD	No	---	---	---	---	---	712
ChD2: CHARD VERY FINE SANDY LOAM, 7 TO 25 PERCENT SLOPES, ERODED	CHARD	No	---	---	---	---	---	312
ChE2: CHARD VERY FINE SANDY LOAM, 25 TO 40 PERCENT SLOPES, ERODED	CHARD	No	---	---	---	---	---	480
Du: DUNE LAND	DUNE LAND	No	---	---	---	---	---	300
GnF: GWIN EXTREMELY STONY SILT LOAM, 10 TO 50 PERCENT SLOPES	GWIN	No	---	---	---	---	---	24,470
GrF: GWIN-ROCK OUTCROP COMPLEX, 10 TO 50 PERCENT SLOPES	GWIN	No	---	---	---	---	---	6,648
	ROCK OUTCROP	No	---	---	---	---	---	4,432
He: HENNINGSEN COBBLY SILT LOAM	HENNINGSEN	Yes	flood plain	4	NO	YES	NO	1,370
Hr: HERMISTON SILT LOAM	HERMISTON	No	---	---	---	---	---	3,240
	Unnamed	Yes	depression	---	---	---	---	---
KrD: KLICKER-ROCK OUTCROP COMPLEX, 5 TO 25 PERCENT SLOPES	KLICKER	No	---	---	---	---	---	646
	ROCK OUTCROP	No	---	---	---	---	---	114

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KrF: KLICKER-ROCK OUTCROP COMPLEX, 25 TO 50 PERCENT SLOPES	KLICKER	No	---	---	---	---	---	910
	ROCK OUTCROP	No	---	---	---	---	---	160
LaC: LARKIN SILT LOAM, 0 TO 15 PERCENT SLOPES	LARKIN	No	---	---	---	---	---	930
LaD: LARKIN SILT LOAM, 15 TO 25 PERCENT SLOPES	LARKIN	No	---	---	---	---	---	1,560
LaE: LARKIN SILT LOAM, 25 TO 40 PERCENT SLOPES	LARKIN	No	---	---	---	---	---	2,170
LaF: LARKIN SILT LOAM, 40 TO 60 PERCENT SLOPES	LARKIN	No	---	---	---	---	---	2,240
LcF: LICKSKILLET EXTREMELY STONY SILT LOAM, 10 TO 50 PERCENT SLOPES	LICKSKILLET	No	---	---	---	---	---	12,120
LkF: LICKSKILLET-BAKEOVEN COMPLEX, 10 TO 50 PERCENT SLOPES	LICKSKILLET	No	---	---	---	---	---	9,820
	BAKEOVEN	No	---	---	---	---	---	6,874
LlF: LICKSKILLET-ROCK OUTCROP COMPLEX, 0 TO 50 PERCENT SLOPES	LICKSKILLET	No	---	---	---	---	---	2,352
	ROCK OUTCROP	No	---	---	---	---	---	1,568
LnF: LINVILLE SILT LOAM, 40 TO 65 PERCENT SLOPES	LINVILLE	No	---	---	---	---	---	11,870
Mo: MONDOVI SILT LOAM	MONDOVI	No	---	---	---	---	---	2,241
	Unnamed	Yes	depression	---	---	---	---	---
OlB: OLIPHANT SILT LOAM, 0 TO 5 PERCENT SLOPES	OLIPHANT	No	---	---	---	---	---	1,880
Old: OLIPHANT SILT LOAM, 5 TO 25 PERCENT SLOPES	OLIPHANT	No	---	---	---	---	---	5,032



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OlE: OLIPHANT SILT LOAM, 25 TO 40 PERCENT SLOPES	OLIPHANT	No	---	---	---	---	---	3,300
OlF: OLIPHANT SILT LOAM, 40 TO 55 PERCENT SLOPES	OLIPHANT	No	---	---	---	---	---	3,160
OnB: OLIPHANT SILT LOAM, MODERATELY SHALLOW, 0 TO 5 PERCENT SLOPES	OLIPHANT	No	---	---	---	---	---	1,350
OnD: OLIPHANT SILT LOAM, MODERATELY SHALLOW, 5 TO 25 PERCENT SLOPES	OLIPHANT	No	---	---	---	---	---	3,560
OnE: OLIPHANT SILT LOAM, MODERATELY SHALLOW, 25 TO 40 PERCENT SLOPES	OLIPHANT	No	---	---	---	---	---	2,760
OpE2: OLIPHANT-LANCE SILT LOAMS, 10 TO 40 PERCENT SLOPES, ERODED	OLIPHANT	No	---	---	---	---	---	588
	LANCE	No	---	---	---	---	---	294
OsC: OLIPHANT-SPOFFORD SILT LOAMS, 0 TO 15 PERCENT SLOPES	OLIPHANT	No	---	---	---	---	---	6,068
	SPOFFORD	No	---	---	---	---	---	2,022
OsD: OLIPHANT-SPOFFORD SILT LOAMS, 15 TO 25 PERCENT SLOPES	OLIPHANT	No	---	---	---	---	---	908
	SPOFFORD	No	---	---	---	---	---	302
Ox: ONYX SILT LOAM	ONYX	No	---	---	---	---	---	945
	Unnamed	Yes	depression	---	---	---	---	---
PaB: PALOUSE SILT LOAM, 0 TO 7 PERCENT SLOPES	PALOUSE	No	---	---	---	---	---	450
PaD: PALOUSE SILT LOAM, 7 TO 25 PERCENT SLOPES	PALOUSE	No	---	---	---	---	---	320

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PlB: PALOUSE SILT LOAM, MODERATELY SHALLOW, 0 TO 7 PERCENT SLOPES	PALOUSE	No	---	---	---	---	---	980
PlD: PALOUSE SILT LOAM, MODERATELY SHALLOW, 7 TO 25 PERCENT SLOPES	PALOUSE	No	---	---	---	---	---	1,304
PlE: PALOUSE SILT LOAM, MODERATELY SHALLOW, 25 TO 40 PERCENT SLOPES	PALOUSE	No	---	---	---	---	---	400
Qu: QUINCY LOAMY FINE SAND	QUINCY	No	---	---	---	---	---	460
Rw: RIVERWASH	RIVERWASH	Yes	flood plain	4	NO	YES	NO	950
ToD: TOLO SILT LOAM, 10 TO 25 PERCENT SLOPES	TOLO	No	---	---	---	---	---	272
ToE: TOLO SILT LOAM, 25 TO 40 PERCENT SLOPES	TOLO	No	---	---	---	---	---	670
ToF: TOLO SILT LOAM, 40 TO 60 PERCENT SLOPES	TOLO	No	---	---	---	---	---	1,090
W: WATER	WATER	Yes	alluvial cone	---	---	---	---	3,680
WaC: WAHA SILT LOAM, 0 TO 15 PERCENT SLOPES	WAHA	No	---	---	---	---	---	5,690
WaD: WAHA SILT LOAM, 15 TO 25 PERCENT SLOPES	WAHA	No	---	---	---	---	---	670
WaE: WAHA SILT LOAM, 25 TO 40 PERCENT SLOPES	WAHA	No	---	---	---	---	---	220
WwB: WALLA WALLA SILT LOAM, 0 TO 7 PERCENT SLOPES	WALLA WALLA	No	---	---	---	---	---	3,140
WwD: WALLA WALLA SILT LOAM, 7 TO 25 PERCENT SLOPES	WALLA WALLA	No	---	---	---	---	---	11,088

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WwE: WALLA WALLA SILT LOAM, 25 TO 40 PERCENT SLOPES	WALLA WALLA	No	---	---	---	---	---	5,230
WwF: WALLA WALLA SILT LOAM, 40 TO 55 PERCENT SLOPES	WALLA WALLA	No	---	---	---	---	---	6,980